

**SAFETY DATA SHEET**

Quantum Technical Services Ltd.

**Section 1. Product and Company Identification**

Product Name                    **PRECIDIUM™ P180D PRIMER RESIN Black**

Manufacturer                    Quantum Technical Services Ltd. (Db a Quantum Chemical)  
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Chemical Emergencies            For 24-Hour Emergency call Canutec at 613.996.6666

**Section 2. Hazards Identification****2.1 Classification:**

**OSHA Regulatory Status:**        This product may contain a small amount of Carbon Black which is considered hazardous in its powder form by the United States 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200); all carbon black in this product is dispersed in liquid.

**WHMIS:**                                This product is not controlled.

**2.2 Label Elements:**

**Pictogram:**                            **None**

**Signal Word:**                           **None**

**Hazard Statements:**                **None**

**Precautionary Statements:**      **None**

**2.3 Other Hazards**

Route of Entry:	Eye contact, skin contact, inhalation.
Eye Contact:	Non-irritant.
Skin Contact:	Non-irritant.
Skin Absorption:	Not available.
Inhalation (Acute):	Non-irritant.
Ingestion:	Non-irritant.
Effects of Chronic Exposure:	Not available.

**Carcinogenicity:**                    Carbon Black is listed as an IARC (International Agency for Research on Cancer) 2B Substance (possibly carcinogenic to humans). See also Section 11.

**Section 3. Composition and Ingredient Information**

Common Name	CAS No.	WT%
Carbon Black	1333-86-4	0.1 to 0.5%

No other hazardous ingredients.

## Section 4. First Aid Measures

Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 5 minutes. Consult a physician if irritation continues.
Skin Contact:	In case of contact, immediately flush skin with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration; if breathing is difficult, give oxygen. Obtain medical attention.
Ingestion:	If ingested, consult a physician. Do not induce vomiting. Never give anything by mouth to an unconscious person.

## Section 5. Fire Fighting Measures

Flash Point:	>200° (CC).
Auto Ignition Temperature (C):	Not available.
Upper Explosive Limit:	Not available.
Lower Explosive Limit:	Not available.
Extinguishing Media:	Carbon dioxide, dry chemical, foam, water spray.
Hazardous Combustion Products:	By fire: Protect against potentially toxic and irritating fumes.
Sensitivity to Mechanical Impact:	Not expected to be sensitive to mechanical impact.
Sensitivity to Static Discharge:	Not expected to be sensitive to static discharge.
Special Fire Fighting Procedures:	Cool fire-exposed containers with water spray. Heat will cause pressure build-up and may cause explosive rupture. Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

## Section 6. Accidental Release Measures

Leak/Spill:	Dike area to prevent spreading. Spills should be taken up with suitable absorbent and placed in containers. Spill area can be washed with water. Collect wash water for approved disposal. Utilize recommended protective clothing.
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## Section 7. Handling and Storage

Handling Procedures:	Avoid skin and eye contact. Avoid breathing dust. Remove contaminated clothing before reuse. Maintain good personal hygiene.
Storage Needs:	Store in a cool and dry place, for product integrity. Store in tightly sealed container and protect from moisture and foreign materials. This product is very hygroscopic. Keep container closed when not in use.

## Section 8. Exposure Controls and Personal Protection.

Protective Equipment:	
Eye/Type:	Liquid chemical goggles. Contact lenses should not be worn.
Respiratory/Type:	At least an air purifying respirator equipped with an organic vapor cartridge and particulate pre-filters must be worn.
Gloves/Type:	Rubber or plastic gloves. Butyl rubber gloves. Nitrile rubber. Barrier cream. Practice good hygiene; wash thoroughly before handling any food.
Clothing/Type:	Wear adequate protective clothing.
Other/Type:	Eyewash fountain. Emergency shower should be in close proximity.
Ventilation Requirements:	Ventilate adequately.
Note: Carbon Black:	Established exposure limits for carbon black are for respirable or inhalable dust. As all carbon black content in this product is fully dispersed in liquid, in our opinion these established exposure limits are not relevant.

## Section 9. Physical and Chemical Properties

Physical State:	Liquid.
Odor:	Little or no odor.
Specific Gravity:	Approximately 1.1.
Odor Threshold (ppm):	Not applicable.
Vapor Pressure (mm Hg):	Not available.
Vapor Density (Air=1):	Not available.
Evaporation Rate:	Not available.
Boiling Point:	Not available.
pH:	Not available.
Solubility in Water:	Not soluble.
Freezing Point (°C):	Not available.
Melting Point (°C):	Not applicable.

## Section 10. Stability and Reactivity

Incompatibility:	No specific materials to avoid.
Reactivity Conditions:	Exposure to high heat.
Hazardous Products of Decomposition:	By fire: Carbon monoxide/dioxide. Other possibly irritating gases.

## Section 11. Toxicological Information

<b>Acute Oral Toxicity:</b>	(LD50)	>5000 mg/kg	Rat
<b>Irritancy of Material:</b>	Non-irritant.		
<b>Sensitizing Capability of Material:</b>	Not available.		
<b>Teratogenicity:</b>	Not available.		

**Mutagenicity:** Not available.

**Reproductive Effects:** Not available.

**Synergistic Materials:** None known.

**Carcinogenicity**

**Carbon Black:**

In 2006 IARC (International Agency for Research on Cancer) re-affirmed its 1995 classification of carbon black as Group 2B (possibly carcinogenic to humans). All testing done to reach this conclusion were based on inhalation studies of carbon black in its powder form. In this product all carbon black is dispersed in liquid and there is no danger of inhalation.

## Section 12. Ecological Information

**Carbon Black**

**Aquatic Toxicity:**

Fish (Brachydanio rerio)	LC50 (96-hour)	> 1,000 mg/L.	Method: OECD 203
Daphnia magna	EC50 (24-hour)	> 5,600 mg/L.	Method: OECD 202
Algae (Scenedesmus subspicatus)	EC50 (72-hour)	> 10,000 mg/L.	
Algae (Scenedesmus subspicatus)	NOEC	>= 10,000 mg/L.	
Activated sludge	EC0 (3-hour)	>= 800 mg/L.	DEV L3 TTC Test

## Section 13. Disposal Considerations

**Waste Disposal:** In accordance with municipal, provincial and federal regulations. Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torch.

## Section 14. Transport Information

**T.D.G. Classification:** Non regulated.

## Section 15. Regulatory Information

**WHMIS Classification:** Non-controlled. This product has been classified in accordance with the hazard criteria of the controlled products regulations and this SDS contains all the information required by the controlled products regulations.

## Section 16. Other Information

**Revision Date:** February 28, 2023

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